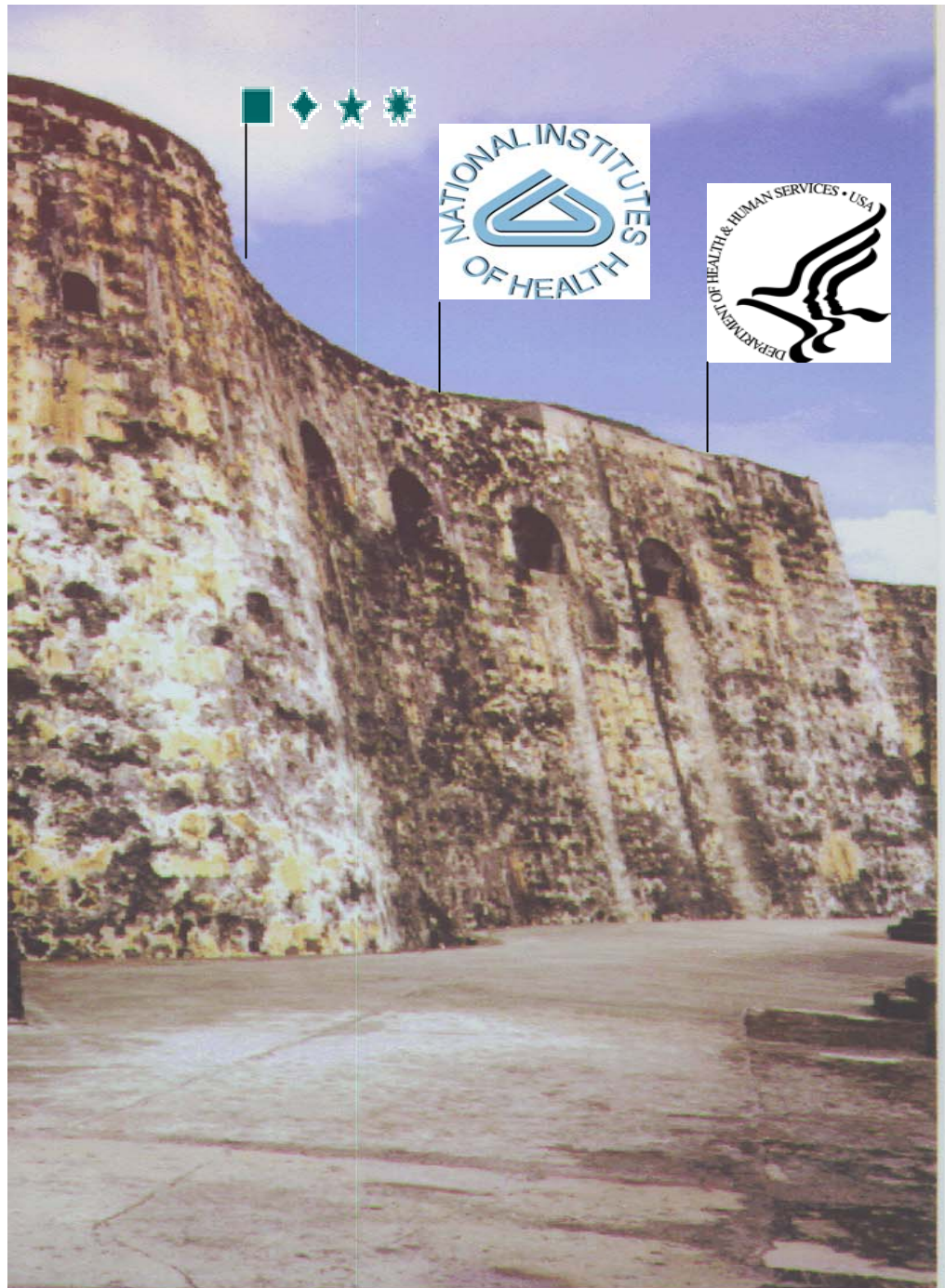


How to  
get a grant  
from NIA



# Rule #1

If you do not  
apply, you do not  
get funded.

# Rule #2

Know what to apply  
for.

# Rule #3

Know when to apply.

# Rule #4

Know what resources  
are available to help  
you.

On not applying...

“I heard that it’s so competitive now that a new investigator has no chance of funding.”

She has no chance of funding if she does not apply.

On not applying...

“Joe Smith got funded under that special program. That was a one time only deal. There’s no point in my applying.”

There are many funding opportunities available but only if you apply.



On not applying...

“I applied once and the people who reviewed my application did not understand it. So I didn’t get funded. What’s the point in my applying again?”

You might get paid next time.

On knowing what to apply for...

NIA supports 40 different mechanisms.

39 of these mechanisms are not the “R01”.

# On knowing what to apply for...

Profile of a typical R01 grantee:

Has been in the research field post PhD/MD for several years; will have more than a few first-authored, peer-reviewed publications; will likely have been reviewing papers for journals for some time; will be known to colleagues in the research field; WILL HAVE A PRIOR GRANT HISTORY.

WILL HAVE A PRIOR GRANT HISTORY....

# On knowing what to apply for...

Funding on someone  
else's grant (e.g., co-  
investigator, minority  
supplements...)

Fellowships (F-series  
awards)

Loan repayment  
programs

Career awards (K-series)

R03 pilot grants  
R21 exploratory grants.

R34 Clinical trial  
planning grants

AREA (R15) grants  
(Academic Research  
Enhancement Awards)

Non-NIH sources

# On knowing what to apply for...

Minority supplements

(and disability supplements and re-entry supplements)

Aimed at particular target groups, not limited by research area. The candidate works with a funded investigator to prepare an application for a supplement to the funded investigator's grant. The purpose is either to introduce an individual to research or to advance the individual to the next level of research training or support. Available at any level – high school through investigator.

More information:

<http://grants.nih.gov/grants/guide/pa-files/PA-99-104.html>

Also MERIT minority supplements

# FELLOWSHIPS

- **F31 (for doctoral students)** - To support underrepresented minorities and students with disabilities pursuing doctoral degrees in research.
- **F32 (for postdoctoral researchers)** - To provide postdoctoral research training to individuals



# 2003 Fellowship award amounts

- Predoctoral fellowships (F31)
  - Stipend is \$19,968
  - Allowance is: \$2,750
- Postdoctoral fellowships (F32)
  - Stipend range is: \$34,200 to \$50,808
  - Allowance is: \$5,500

# LOAN REPAYMENT

- Programs for clinical research, health disparities, disadvantaged researchers, pediatric research
- Repays parts of educational loans of health professionals who agree to conduct relevant research for at least two years at 50% effort or greater

# LOAN REPAYMENT (contd.)

- Pays up to \$35,000 annually plus applicable federal taxes.
- Debt must be at least 20% of institutional base salary at time of award.
- Clinical and pediatric applications were due by January 31, 2003.
- <http://grants2.nih.gov/grants/guide/notice-files/NOT-OD-03-004.html>
- <http://www.lrp.nih.gov/>

# On knowing what to apply for...

Research career development awards at NIA.

## K01 — Mentored Research Scientist Development Award

An early or mid-career award for individuals with some prior postdoctoral research experience.

## K02 — Independent Scientist Award

An early-to-mid-career award for individuals with prior grant funding who seek to become leaders in their research fields.

## K07 — Academic award

An infrastructure-building award for acknowledged research leaders who wish to build aging research, or an aspect of aging research, at their institutions

# On knowing what to apply for...

## Research Career Development Awards contd.

### K08 — Mentored Clinical Scientist Development Award

An award for junior clinicians with little-to-moderate research training who wish to become independent clinician-scientists.

### K23 --- Mentored Patient-Oriented Research Career Development Award

An award for junior clinicians with little-to-moderate research training who wish to become independent clinician-scientists trained in patient-oriented research.

# On knowing what to apply for...

## Research Career Development Awards contd.

### K12 — Mentored Clinical Scientist Development Program Award

An award for research leaders to provide research training and mentoring to several junior clinicians who wish to become independent researchers.

### K24 --- Mid-career Investigator Award in Patient-Oriented Research

An award for mid-career clinician-scientists who wish to devote more time to patient-oriented research and to mentoring junior clinicians in patient-oriented research.

# On knowing what to apply for

## Research Career Development Awards contd.

### K25 --- Mentored Quantitative Research Career Development Award

An award for relatively junior scientists who have been trained in quantitative disciplines who now wish to develop their careers in biomedical research.

### K26 --- Midcareer investigator award in mouse pathobiology research

An award for mid-career scientists who have experience in mouse pathobiology research who wish to devote more time to that research and to mentoring junior scientists in mouse pathobiology research.

# On knowing what to apply for...

## NIA Pilot grant program (R03)

The National Institute on Aging (NIA) is seeking small grant (R03) applications in specific areas to: (1) stimulate and facilitate the entry of promising new investigators into aging research, and (2) encourage established investigators to enter new targeted, high priority areas in this research field. This Small Grant (R03) Program provides support for pilot research that is likely to lead to a subsequent individual research project grant (R01) that is focused on aging and/or a significant advancement of aging research.

\$50,000 (direct costs) per year for up to two years.

Receipt dates: March 17, July 15, November 17.



# Pilot grant bullets

- HIV/AIDS and Aging
- Cardiovascular and Cerebrovascular Aging
- Drug Discovery for Cognitive Decline and Alzheimer's Disease
- Transmissible Spongiform Encephalopathies (TSEs):
- Vaccine Development

# Pilot grant bullets contd.

- Health-related Consequences of Female Reproductive Aging
- Protein Modification, Aggregation and Degradation in Aging and Age-related Diseases
- Cancer in the Elderly
- Basic Research in Behavioral Medicine
- Impact of Research on Health or Public Policy

# Pilot grant bullets STILL contd.

- Interventions
- Factors Moderating Rate of Age-related Changes and Risk for Adverse Events with Increasing Age
- Stem Cells, Tissue Repair, and Cell Replacement in Aging
- Sensory and Motor Processing
- Cognition in Context
- Executive Function

# Even more pilot grant bullets

- Membranes, Extracellular Matrix and Cytoskeleton
- Functional Senescence
- Caloric Restriction and Aging
- Basic Underlying Mechanisms of Musculoskeletal Aging
- Genetics, Behavior, Social Factors and Aging

# The final few pilot grant bullets

- Racial/Ethnic Differences and Health Disparities
- Tools and Models for Molecular, Cellular, and Genetic Research on Aging
- Improved Measures and Methodologies

Racial/Ethnic Differences and Health Disparities: (a) Research leading to identification of underlying mechanisms, including cellular and molecular mechanisms, linked to racial/ethnic differences in late life function or disease e.g. cognition, Alzheimer's disease, cardiovascular disease, osteoporosis, cancer, infectious diseases, and diabetes. (b) Research to disentangle the effects of socio-economic status, social and environmental factors, health behaviors, and race and ethnicity on health; and (c) Research to develop and improve instruments and methods, including standardization across population groups, to measure disorders, disease and disability in minority groups that will lead to an understanding of the causes of these conditions. NIA's strategic plan for addressing health disparities is available from:

<http://www.nia.nih.gov/strat-planhd/2000-2005/>.

# Exploratory/Developmental Award (R21)

- Biology of Aging
- Behavioral and Social Research
- Neuroscience and Neuropsychology
- Geriatrics and Clinical Gerontology

<http://nia.nih.gov/funding/research-support/respro.html#EDG>

# On knowing what to apply for

## Academic Research Enhancement Award

Last issued:

NIH Guide, January 9, 2003, PA Number: PA-03-053

PA available at:

<http://grants2.nih.gov/grants/guide/pa-files/PA-03-053.html>

Application Receipt Dates: May 25, September 25, January 25.

For pilot studies, feasibility studies, secondary data analysis, small scale research etc.



# Academic Research Enhancement Award

- Less than \$3 million NIH research funding (total cost)
- Unit is school or college not institution
- INELIGIBLE schools/components listed at:  
[http://grants.nih.gov/grants/funding/area  
.htm](http://grants.nih.gov/grants/funding/area.htm)

# Academic Research Enhancement Award

- \$150,000 over three years
- “Special consideration will be given in the funding decision process to applications from those "smaller, less prominent, four-year, public and private colleges and universities which provide undergraduate training for a significant number of our nation's research scientists ...."

On knowing when to apply:

When are you likely to be competitive?

How long does it take to get an award?

The more that you know about the process in advance then the less time it takes.

## What help is available?

At your institution: Find out!

In your professional society:  
Are there programs for new investigators?

Many societies organize events sponsor conference travel,  
arrange meetings with grants administrators etc.

## What help is available?

At NIA: The NIA web page:  
<http://www.nih.gov/nia/>

How to contact OEA staff:  
Miriam Kelty or Robin Barr  
E-mail: [mk46u@nih.gov](mailto:mk46u@nih.gov) or [rb42h@nih.gov](mailto:rb42h@nih.gov)  
Tel.: 301-496-9322 (We prefer E-mail.)

Call about small business grants, meetings, training, fellowships, career awards, minority supplements. Or other stuff!